

# FIRE ECOLOGY, MANAGEMENT AND TECHNOLOGY GRADUATE ACADEMIC CERTIFICATE

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All required coursework must be completed with a grade of B or better (O-10-b (<https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/>)).

Code	Title	Hours
Fire Core:		
FIRE 526	Fire Ecology	3
FOR 546	Science Synthesis and Communication	3
FIRE 587	Wildland Fire Policy	2
Select one Ecology and Management course from the following:		2-3
FIRE 427	Prescribed Burning Lab	
FIRE 557	Advanced Fire Behavior	
REM 429	Landscape Ecology	
REM 440	Restoration Ecology	
REM 459	Rangeland Ecology	
REM 507	Landscape and Habitat Dynamics	
Select one Tools and Technology course from the following:		2-4
FIRE 433	Fire and Fuel Modeling	
FIRE 435	Remote Sensing of Fire	
FIRE 451	Fuels Inventory and Monitoring	
FOR 472	Remote Sensing of the Environment	
FIRE 554	Air Quality, Pollution, and Smoke	
FIRE 407	GIS Application in Fire Ecology and Management	
Select one Planning and Policy course from the following:		3
ENVS 579	Introduction to Environmental Regulations	
FOR 584	Natural Resource Policy Development	
NRS 574	Environmental Politics and Policy	
NRS 576	Environmental Project Management and Decision Making	
NRS 588	NEPA in Policy and Practice	
REM 456	Integrated Rangeland Management	
<b>Total Hours</b>		<b>15-18</b>

## Courses to total 15 credits for this certificate

1. Upon completion of the Graduate Certificate in Fire Ecology, Management and Technology, students will be able to apply sound science to solve complex issues related to fire management.
2. Upon completion of the Graduate Certificate in Fire Ecology, Management and Technology, students will be able to summarize fire science and communicate effectively to managers and policy makers.
3. Upon completion of the Graduate Certificate in Fire Ecology, Management and Technology, students will understand the historical development of fire policy in the United States and how that effects contemporary fire management.